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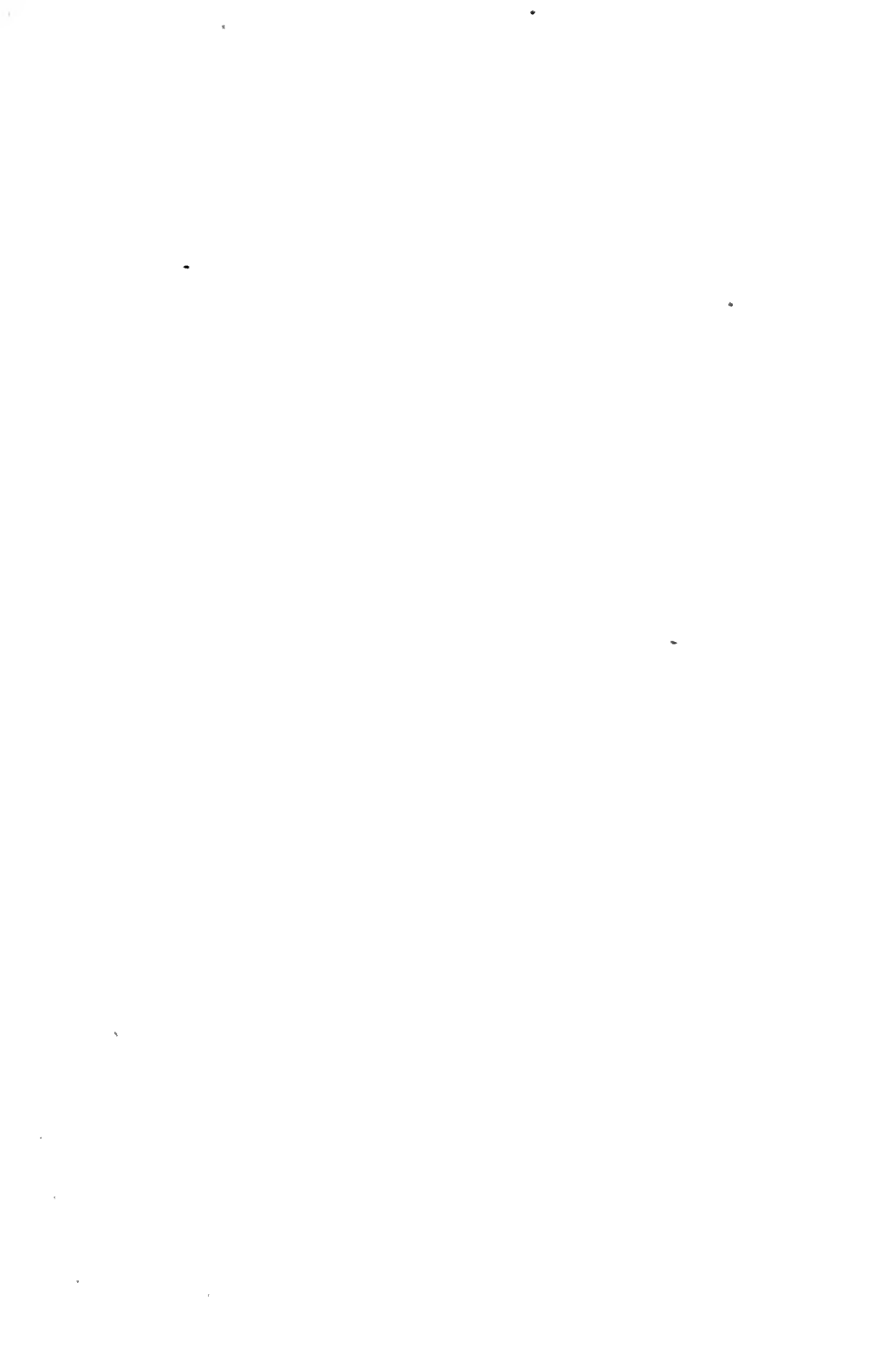
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A Bibliography of Municipal Utility Regulation and Municipal Ownership

BY

DON LORENZO STEVENS, M.B.A.



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PREFACE

AN extensive bibliography intended primarily for the use of business men may appear somewhat novel. Yet the recent great increase in the number of special libraries is an indication of the widespread need for ready access to business literature. In the field of public utility regulation and municipal ownership the amount of material is so vast that few can keep pace with it. To provide a classified and critical index for the use of utility managers, commissioners, lawyers and all others interested in public utilities is the purpose of this work.

In making a choice of material to be included and the form of presentation, the decision has been based upon the needs of the busy man of affairs. That the expert and the general reader alike may be served, all readily accessible books and signed articles, of more than transitory interest, have been listed. Free use of annotations, together with a detailed subject classification, will serve to guide the reader to the works best suited to his needs. Official publications are included only if especially valuable, but references to other sources of information are given in the list of bibliographies. Works in other languages than English are omitted. Electric, gas, water and traction utilities are covered, and it is believed that little of value on the subjects treated has been overlooked. Owing to the rapid changes in the methods of regulation during the last decade, nearly all of the recent but only the best of the earlier material is included. The work has been brought down to January 1, 1917.

As no one person could pass expert judgment on so many subjects, the critical annotations are intended to indicate *relative* value only. Not all people will agree with the author's comments on the various works, but the annotations are only intended to facilitate a selection of material. The title and annotations, together with the subject classification, indicate quite closely the nature of each book and article. "Elementary" and "techni-

cal " are used in the ordinary sense. " Popular," however, indicates that the article is elementary, rather wordy and of relatively little interest. " Brief " refers both to actual length and to the amount of information conveyed. Where the writer's conclusions are of interest in determining the choice of material, these also are briefly indicated.

In the course of preparation of the author's forthcoming book on *The Regulation of Municipal Utilities*, a broad survey of the published material on the subject was undertaken. The vast amount, and the difficulty of selecting the best soon became apparent. Public utility operators, commissioners, librarians and others with whom he came in contact, almost without exception, expressed the need for a comprehensive guide to the literature and urged him to undertake its compilation. As a consequence practically all of the author's free time during the past two years, together with the time of several assistants, has been devoted to the work. The titles listed in this volume comprise less than one-third of the material collected. The publishing of the remainder for the sake of completeness was thought inadvisable, since all of the better works have been included. In conclusion, let it be stated that the author has personally read every work listed herein, and that the annotations are based solely upon his judgment. Despite the resulting inevitable defects, it is hoped that the volume will prove of considerable assistance to all persons studying the subjects of municipal utility regulation and municipal ownership.

D. L. S.

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**BIBLIOGRAPHY OF MUNICIPAL
UTILITIES**

BIBLIOGRAPHY OF MUNICIPAL UTILITIES

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American Academy of Political and Social Science. Control of municipal public service corporations. *Annals of the American Academy of Political and Social Science*, xxxi, no. 3 (1908). 201 pp.

An excellent symposium on the utility problems in various American cities. For list of articles see p. 29.

— Electric railway transportation. *Annals of the American Academy of Political and Social Science*, xxxvii, no. 1 (1907). 203 pp.

The urban transportation problem: a general discussion. B. J. Arnold.
The decreasing financial return upon urban street railway properties. Thomas Conway.

The depreciation problem. W. B. Jackson.

Methods of increasing the efficiency of surface lines in large cities. Williston Fish.

The investigation of traffic possibilities of proposed subway lines. W. S. Twining.

Possibilities of freight traffic on interurban lines. F. S. Cummins.

Express business on interurban lines. A. Eastman.

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The relations of the electric railway company with its employees. C. D. Emmons.

The strike problem upon electric railways. D. T. Pierce.

Educating the public to a proper appreciation of urban street railway problems. A. W. Warnock.

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- Municipal lighting rates. Ray Palmer.
- Interlocking directorates. L. D. Brandeis.
- The regulation of public utilities. C. H. Harrison.
- Some present day issues of public utility regulation. E. W. Bemis.
- What certain cities have accomplished without state regulation. S. P. Jones.
- A constructive policy for public service corporations. Charles Day.
- What regulation must accomplish if it is to be permanent. J. M. Eshelman.
- The advantages of state regulation. Halford Erickson.
- The distribution of functions between local and state regulation. M. R. Maltbie.
- The case for home rule. C. E. Merriam.
- State and local regulation in Pennsylvania. I. W. Stratton.
- Municipal ownership. N. D. Baker.
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- Pasadena's municipal light and power plant. C. W. Koiner.
- South Norwalk's municipal electric works. A. E. Winchester.
- The hydro-electric system in Toronto. H. C. Hocken.
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- Municipal ownership and operation of water works. M. N. Baker.
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- The utilities bureau. Felix Frankfurter.
- Holding companies and the public welfare. C. F. Mathewson.
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- The qualifications needed for public utility commissioners. W. D. Kerr.
- The public service company law of Pennsylvania. C. W. M. Trinkle.

- Some defects in the present Pennsylvania statute on public utilities.
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- Methods of judicial review in relation to effectiveness in commission control. O. L. Pond.
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- Public utility regulation by Los Angeles. C. K. Mohler.
- Governmental regulation of accounting procedure. L. G. Powers.
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- Effects of the indeterminate franchise under state regulation. W. J. Norton.
- Should the public utilities commission have power to control the issuance of securities. J. M. Eshelman.
- Texas stock and bond law. C. S. Potts.
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- Capitalization of earnings of public service companies. Morris Schaff.
- Certain principles of valuation in rate cases. R. H. Whitten.
- Depreciation. J. E. Allison.
- Non-physical or going concern values. H. P. Gillette.
- Recent tendencies in valuations for rate making purposes. Edwin Gruhl.
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- Ten rules for service. P. A. Sinsheimer.

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ii. The failure of local regulation.

iii. The appropriate organ of state regulation.

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v. Urban utility regulation in Iowa.

vi. Suggestions for effective utility regulation.

An excellent, thoroughly annotated study of the principles of regulation, regulation in the United States and Iowa's experience.

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II. Powers of municipalities.

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Discusses the work of the Wisconsin commission only, but serves as a very good elementary work on all phases of public utility regulation. For list of chapters, see p. 104.

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vii. Relief from oppressive regulation.

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xi. Valuation.

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HOLMES, F. L. Commission and the courts. (*In Regulation of railroads and public utilities in Wisconsin.* New York, 1915.) 317-344.

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A brief historical sketch.

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SHARFMAN, I. L. The regulation of railway rates. (*In Railway regulation.* Chicago, 1915.) 87-111.

Outlines the development of rate regulation and of the doctrine of judicial review, pp. 87-100. Includes many quotations from decisions and citations.

V. VALUATION

GENERAL WORKS

BOOKS

DARRACH, C. G. Valuation of the properties of public utility corporations. Philadelphia, 1913. 61 pp.

Outlines a proposed theory of valuation. Includes tables and charts; technical.

FLOY, HENRY. Valuation of public utility properties. New York, 1912. 390 pp.

Ch. i. Introduction.

ii. Glossary.

iii. Public service commissions.

iv. Making an appraisal.

v. Structural costs.

vi. Development expenses, intangible expenses, non-physical costs, overhead expenses.

vii. Franchises, good will, going value, contracts.

viii. Depreciation.

ix. Appraisals of public utility properties in greater New York.

x. Examples of important appraisals.

A good textbook, chiefly of engineering interest. Includes many quotations from other writers and from court and commission cases; also many tables of results of different appraisals.

— Value for rate making. New York, 1916. 322 pp.

Ch. i. Introduction.

ii. Definitions.

iii. Fundamentals in valuation.

iv. Fair value for rate making.

v. Cost of reproduction.

vi. Land, paving and water rights.

vii. Franchises, working capital and bond discounts.

viii. Going value.

ix. Depreciation.

An excellent treatise; discusses both theories and methods with many quotations from other writers and from court and commission cases. Of special interest to engineers; somewhat technical.

FOSTER, H. A. Engineering valuation of public utilities and factories. New York, 1912. 345 pp.

Ch. i. Value.

- ii. Purposes of valuation.
- iii. Directions for the valuation of tangible property.
- iv. Instructions for valuation.
- v. Forms for use in making a valuation.
- vi. The cost of valuing a property.
- vii. Value of good will, going concern or going value.
- viii. Depreciation.
- ix. Amortization.
- x. Handling of depreciation funds.
- xi. Appreciation.
- xii. Franchise.
- xiii. Capitalization.
- xiv. Control of public utilities.
- xv. Court decisions.

A valuable textbook, with more attention to the engineering work of valuation than is usual. Composed largely of quotations from other writers and from court and commission cases.

HAYES, H. V. Public utilities: their cost new and depreciation. New York, 1913. 262 pp.

Ch. i. Property valuations: general considerations.

- ii. Replacement costs of physical property.
- iii. Determination of replacement cost.
- iv. Value as going concern.
- v. Values of good will and franchises.
- vi. Original cost.
- vii. Commercial value.
- viii. The worth of service to the consumer.
- ix. Reserves for depreciation.
- x. Life of plant.
- xi. Depreciation.
- xii. Fair present value: rates.
- xiii. Fair present value: condemnation or sale.
- xiv. General consideration relative to the regulation of public utility undertakings.

A good, elementary work on all phases of the subject.

— Public utilities: their fair present value and return. New York, 1915. 207 pp.

Ch. i. The present controversy.

- ii. Ascertainment of fair present value.
- iii. Fair rate of return.
- iv. Replacement cost.

Ch. v. Actual original cost.

vi. Going value.

vii. Depreciation.

Supplementary to his "Public utilities: their cost new and depreciation."

A very good, elementary work, considering principles more fully than the previous volume.

MARKS, W. D. Practical rate making and appraisement. South Hadley, 1914? 269 pp.

Ch. i. General consideration.

ii. Report upon gas rates and prices for the city of Spokane, 1913.

iii. Report upon the fair and reasonable price of a 6.6 ampere magnetite arc light per year, Minneapolis, 1911.

iv. Quantity rates for electricity.

v. Methods of appraisement.

vi. Present value; structural cost of reproduction; original cost; structural cost of reduplication.

vii. Overhead charges.

viii. Depreciation.

ix. Comparative appraising.

x. Market value; English going value.

xi. Franchise value.

xii. Present value of prospective profits; good will; development expense; going value; intangible values; options.

xiii. Books and accounts; operating expenses and income.

xiv. The law of demand for electricity; reduction of price increases profits.

xv. Gas sales per capita; verification of law of demand.

xvi. The London sliding scale; Marks' dividing scale.

xvii. Capitalization, assets and profits of Massachusetts gas companies.

Utilities Magazine. Proceedings of the Conference on valuation.

Utilities Magazine, i, no. 3, 227 pp.

Criticism of reproduction theory of valuation. J. M. Eshleman.

Reproduction value *vs.* fair value. H. F. French.

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Fallacy of the "reproduction cost" theory in determining the value of public utilities. A. B. Du Pont.

How to get rid of the reproduction cost theory. G. W. Anderson.

Original cost as the chief basis for fair value. E. W. Bemis.

Original cost. Halford Erickson.

Constitutionality of historical cost method of public utility valuation. Alfred Bettman.

Theory of franchise values. Alfred Bettman.

Principles to be applied in valuing land. H. V. Hayes.

Land values under the Minnesota rate case. T. D. O'Brien.

- The measurement of land values. E. W. Doty.
 Principles to be applied in valuation of land used for the purpose of a common carrier. A. E. Helm.
 Discussion of principles to be applied in valuing land. F. W. Stevens.
 The proper treatment of appreciation of land. M. R. Maltbie.
 Depreciation defined. F. P. Stearns.
 Court decisions on depreciation. J. H. Goetz.
 Depreciation and its relation to the fair value. Halford Erickson.
 A criticism of theoretical depreciation. J. E. Allison.
 Making depreciation discussion understood. Harry Barker.
 Going value as an element of fair value. Clifford Thorne.
 Going value in purchase *vs.* rate cases. A. M. Fox.
 The problem of unit prices in valuation. M. G. Glaeser.
 Financial aspects of valuation. P. A. Sinsheimer.
 Financial aspects of regulation. R. C. Wood.
 The making and maintenance of priced inventories of public utilities. C. L. Pillsbury.
 Some essentials of appraisal work. F. W. Ballard.
 Coöperation in making inventories. R. J. Meigs.
 Valuation by approximation. J. G. Morse.
 Correct valuation of operating and managerial methods. W. N. Polakov.
 Expert (or opinion) testimony in rate valuation cases. J. H. Gray.
 Actual cost. R. H. Whitten.
 Fair value in practice. E. P. Burch.
 Principles as to franchise values. D. F. Wilcox.
 Determining franchise values. H. D. Baldwin.
 Some distinctions between the legal and administrative phases of franchise valuation. C. A. McLain.
 The meaning of the constitutional protection in valuation. C. A. Prouty.
 Constitutional protection in valuation. W. D. Kerr.
 Constitutional protection in valuation. N. D. Baker.
 Valuation and the future of public utilities. M. R. Maltbie.
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WHITTEN, R. H. Valuation of public service corporations: legal and economic phases of valuation for rate making and public purchase. New York, 1912-1914. 2 vols.

- Ch. i. Purpose of valuation.
 ii. Fair value for rate purposes.
 iii. Market value as a standard for rate purposes.
 iv. Cost of reproduction as a standard of value for rate purposes.
 v. Actual cost as a standard of value for rate purposes.
 vi. Valuation of land.
 vii. Pavement over mains.
 viii. Property donated or acquired without cost.

- Ch. ix. Property constructed out of surplus.
 - x. Unused property.
 - xi. Average price *v.* present price.
 - xii. Overhead charges.
 - xiii. Discount on bonds.
 - xiv. Working capital.
 - xv. Piecemeal construction.
 - xvi. Adaptation and solidification.
 - xvii. Physical depreciation.
 - xviii. Cost new *v.* cost less depreciation.
 - xix. Functional depreciation.
 - xx. Annual depreciation allowance.
 - xxi. Going concern in purchase cases.
 - xxii. Going concern in rate cases.
 - xxiii. Going concern as the value of a created income.
 - xxiv. Going value rule of Wisconsin railroad commission.
 - xxv. The theory of going concern value.
 - xxvi. Franchise value in purchase cases.
 - xxvii. Franchise value in rate cases.
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 - xxxii. Bibliography of valuation and depreciation.

A very excellent treatise; the standard work on the subject. Each chapter consists of economic and theoretical discussion, together with very full quotations from all important court and commission cases.

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YOUNG, C. G. Logical basis for valuations of interurban street railways. New York, 1911. 32 pp.

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vii. Commercial value.

xii. Fair present value: rates.

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— Development expenses, intangible expenses, non-physical costs, overhead expenses. (*In* Valuation of public utility properties. New York, 1912.) 90-128.

Gives tables showing the classification used in the inventory in the Coney Island cases.

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Ch. iv. Making an appraisal.

v. Structural costs.

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iv. Instructions for valuation.

v. Forms for use in making a valuation.

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Chapter iv consists of quotations from the instructions issued by Judge Savage in a Maine case. Chapter v includes a very large number of forms used by the Wisconsin tax and railroad commissions, with discussion.

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A thorough study, with charts and tables, and many quotations from articles and court and commission decisions.

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Includes quotations from decisions.

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Ch. vii. Franchises, working capital and bond discounts.

viii. Going value.

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IX. MUNICIPAL OWNERSHIP

GENERAL WORKS

BOOKS

DARWIN, LEONARD. Municipal ownership: four lectures delivered at Harvard University, 1907. New York, 1907. 149 pp.

A very good discussion of both sides of the question.

— Municipal trade: the advantages and disadvantages resulting from the substitution of representative bodies for private proprietors in the management of industrial undertakings. New York, 1903. 464 pp.

An excellent analysis, with some discussion of results in Great Britain. Arguments both for and against municipalization are well presented, and the author's main conclusion is that reforms are needed " (1) to more effectually safeguard the consumer and the rate payer when monopolies are managed by private proprietors; (2) to check excessive municipal trading; and (3) to render municipal trade as little harmful as possible."

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— Municipal public service industries. Chicago, 1899. 337 pp.

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A thorough critical and historical study. The author concludes that there are not sufficient facts available for a general decision, that municipal trading is in itself undesirable, but that in some cases it is preferable to abuses by private companies.

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Pt. I, vol. i, General conclusions and reports.

General conclusions and report to the commission.

The American municipality. W. L. Fisher.

The British municipality. F. J. Goodnow.

The labor report. J. W. Sullivan.

Labor and politics. J. R. Commons.

Municipal operation *versus* private operation of municipal monopolies:

General introduction. Frank Parsons.

American conditions. E. W. Bemis.

Gas and electricity in Great Britain. M. R. Maltbie.

British tramways. Frank Parsons.

Analysis and interpretation of the information concerning the municipal ownership of public utilities. C. L. Edgar and Walton Clark.

British tramways. W. J. Clark.

Pt. II, vol. i, Reports of experts: United States.

I. Waterworks.

General history and legislation. J. H. Gray.

Labor and politics. J. W. Sullivan and J. R. Commons.

Engineering matters. D. H. Maury.

Finance and accounting. Marwick, Mitchell & Co.

II. Gas Works.

General history and legislation. J. H. Gray.

Labor and politics. J. R. Commons and J. W. Sullivan.

Engineering matters. Frederick Burdett and A. E. Forstall.

Finance and accounting. Marwick, Mitchell & Co.

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III. Electricity supply.

General history and legislation. William Hard and J. H. Gray.

Labor and politics. J. W. Sullivan and J. R. Commons.

Engineering matters. Theodore Stebbins and C. E. Phelps, Jr.

Finance and accounting. Marwick, Mitchell & Co.

Supplement.

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IV. Massachusetts electricity works. A. D. Adams and Charles Prichard.

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I. Gas, electricity, and tramways.

Labor and politics. J. R. Commons and J. W. Sullivan.

II. Gas works.

General history and legislation. M. R. Maltbie.

Engineering matters. William Newbigging and J. B. Klumpp.

Finance and accounting. E. H. Turner and R. C. James.

III. Electricity supply.

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Engineering matters. J. B. Klumpp and A. E. Winchester.

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IV. Street railways.

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Engineering matters. N. McD. Crawford and J. H. Woodward.

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V. General.

Taxation of gas, electricity supply and tramway undertakings.

M. R. Maltbie.

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ARTICLES

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ASHLEY, PERCY. Municipal policy and state control. *Economic Journal*, xiii, 112-120 (1903).

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BAKER, M. N. Municipal ownership. (*In Municipal engineering and sanitation*. New York, 1902.) 275-281.

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DIVEN, J. M. How can politics be eliminated from municipal waterworks? *Proc., American Waterworks Association*, xxvii, 400-410 (1907).

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 Reasons for municipal ownership. John Ford.
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 Municipal ownership for all public utilities. T. L. Johnson.
 Glasgow and its municipal tramways. E. W. Hamlen.
 Municipal ownership to purify politics. D. F. Wilcox.
 Omaha's experience. E. W. Mayo.
 Municipal ownership would stop corruption. W. P. Hill.
 Why municipal service is expensive. H. A. Metz.
 Standard reports and uniform accounting. Harvey Chase.
- MOORE, C. E. Experience with a municipal gas plant. Public Service, ii, 51-52 (1907).
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- PARSONS, FRANK. The legal aspects of monopoly. (*In* BEMIS, E. W. Municipal monopolies. 4th edition. New York, 1904.) 425-501.
 A good, annotated discussion of the right of cities to engage in business, to compete with private plants, to take property by condemnation, to prevent the use of injurious business methods and to regulate rates and service.
- Municipal operation versus private operation of municipal monopolies: general introduction. (*In* National Civic Federation. Municipal and private operation of public utilities. New York, 1907.) Pt. I, vol. i, 113-122.
- PEARSON, GEORGE. Municipal trading. Electrical Engineer, new series, xxiii, 753-757 (1899).
 The writer tabulates and discusses the arguments for and against municipal ownership, the conclusions favoring municipalization.

PERRINE, F. A. C. Validity of electric light comparisons. (*In* BEMIS, E. W. *Municipal monopolies*. 4th edition, New York, 1904.) 286-296.

Appendix to E. W. Bemis, "The latest electric light reports."
Includes two charts.

POST, L. F. The political principle of public ownership. *Moody's Magazine*, ii, 535-537 (1906).

In *Municipal ownership and operation: symposium*.

An argument for private management of private functions and public management of public functions.

RANDOLPH, C. F. *Municipal ownership of public utilities*. *Yale Law Journal*, xxii, 355-382, 461-489 (1913).

An excellent and readable work on municipal ownership and the law.

ROWE, L. S. Fundamental principles involved in municipal ownership. (*In* *Problems of city government*. New York, 1908.) 271-280.

The conclusion is that the desirability of municipal ownership depends on local conditions.

— Municipal ownership and operation: the value of foreign experience. *American Journal of Sociology*, xii, 241-253 (1906).

Considers the results abroad of interest and as offering valuable lessons, but not of great weight in making the final decision here, because of different conditions. Favors municipal ownership.

The same article, with the omission of a few paragraphs, is printed in the *Proc., National Conference for Good City Government*.

— — (*In* *Problems of city government*. New York, 1908.) 330-349.

Reprint.

— — *Proc., National Conference for Good City Government*, 1906: 280-290.

SHEPARD, E. M. City owning and leasing. *Municipal Affairs*, vi, 714-720 (1902).

Rapid transit.

SHEPARDSON, G. D. Why some municipal electric plants do not pay better. *Electrical Review*, xxxvii, 37, 52-55 (1900).

Discusses arguments for and against municipalization and conditions necessary for success.

SHEPARDSON, G. D. Why some municipal electric plants do not pay better. *Electrical Review and Western Electrician*, xxxvii, 3752-3755 (1900).

—— ——— Municipal Engineering, xix, 103-108 (1900).

SHIBLEY, G. H. Referendum and initiative in relation to municipal ownership. *Municipal Affairs*, vi, 781-786 (1902).

Under majority rule through the initiative and referendum, the writer advocates municipal ownership.

SIMPSON, J. Municipal powers *re.* lighting plants. *Municipal Journal*, xxxviii, 880-883 (1915).

A brief review of court decisions as to the powers of the municipality with reference to municipal ownership of electric lighting.

TAUSSIG, F. W. Public ownership and public control. (*In Principles of Economics*, New York, 1913.) 397-418.

Elementary; very good.

TIEDEMAN, C. G. Government ownership of public utilities: from the standpoint of constitutional limitations. *Harvard Law Review*, xvi, 476-490 (1903).

TIGHE, J. L. Municipal water supply revenue. *Journal of the New England Waterworks Association*, xviii, 352-387 (1904).

An argument against using profits from municipal enterprises to relieve taxation.

TOMKINS, CALVIN. Municipal ownership a business problem. *Moody's Magazine*, ii, 517-519 (1906).

In Municipal ownership and operation: symposium.

The writer believes that economic considerations should govern the decision.

WAGNER, B. M. The acquisition of private water plants by municipalities. *Journal of the American Waterworks Association*, ii, 25-41 (1915).

Discussion: pp. 582-584. A good brief account of methods of municipal acquisition and of valuation for condemnation.

WARNER, C. A. What's wrong with municipal ownership? *Journal of Electricity, Power and Gas*, xxxiii, 504-506 (1914).

A popular analysis of the weak points in municipal ownership, with suggested remedies.

- WHINERY, SAMUEL. Municipal ownership. (*In Municipal public works: their inception, construction and management.* New York, 1903.) 189-218.
A good elementary discussion; the writer believes that a general decision cannot be made as yet.
- WILCOX, D. F. The control of public utilities. (*In The American city: a problem in democracy.* New York, 1911.) 52-90.
A very good elementary discussion. The writer favors municipal ownership as a theory, but believes proper franchise control to be better for the present.
- Effects of state regulation upon the municipal ownership movement. *Annals of the American Academy of Political and Social Science*, liii, 71-84 (1914).
An excellent discussion.
- Fundamental planks in a public utility program. *Annals of the American Academy of Political and Social Science*, lvii, 8-19 (1915).
Maintains that preparation should be made for ultimate municipal ownership (pp. 16-19).
- — American City, xi, 480-485 (1914).
Abstract.
- Public utility advice from the public point of view. *American City*, viii, 264-266 (1913).
Advice to the cities in preparation for ultimate municipal ownership.
- WILES, C. W. Ownership of public utilities. *Proc., American Waterworks Association*, xxviii, 501-504 (1908).
- WILLCOX, W. F. Methods of determining the economic productivity of municipal enterprises. *American Journal of Sociology*, ii, 378-391 (1896).
- WINCHESTER, A. E. South Norwalk's municipal electric works. *Annals of the American Academy of Political and Social Science*, lvii, 228-245 (1915).
Historical, with comparison of the private and municipal plants. Some general discussion of municipal ownership. Believes that success depends on local conditions.
- WOODWARD, PARK. Municipal ownership. *Proc., American Waterworks Association*, xxx, 123-127 (1910).
A very brief review of arguments for and against, the conclusion being that municipal ownership freed from politics is desirable.

IN FAVOR

ADAMS, A. D. Cause and results of municipal gas plants. *Municipal Affairs*, vi, 648-655 (1902).

— Cost of municipal *vs.* private gas. *Municipal Journal and Engineer*, xv, 13-14 (1903).

The writer asserts that municipal plants are more economically managed than private. Includes an analytical table of the average cost of gas in the private and municipal plants of each state.

ADAMS, H. C. Municipal ownership and corrupt politics. *Outlook*, lxx, 726-727 (1902).

A popular article in favor of municipal ownership of street railways. The writer believes that the decision in regard to government ownership of railways and municipal ownership of street railways is not necessarily the same.

BAKER, M. N. Waterworks. (*In* BEMIS, E. W. *Municipal monopolies*. 4th edition. New York, 1904.) 3-52.

A thorough comparative and critical study of municipal and private operation of waterworks in the United States, and an analysis of the arguments for and against municipalization. The writer favors municipal ownership; includes many tables of statistics.

BEMIS, E. W., and INGRAM, F. F. How the people should acquire public utilities: a criticism of Mr. Brown's paper. *Arena*, xxxiv, 45-47 (1905).

A good criticism of W. R. Brown, "Municipal ownership and league organization" by two advocates of municipalization.

— *Municipal monopolies*. New York, 1899. 4th edition, 1904. 691 pp.

Waterworks. M. N. Baker.

Municipal electric lighting. J. R. Commons.

The latest electric light reports. E. W. Bemis.

Appendix: validity of electric light comparisons. F. A. C. Perrine.

The telephone. Frank Parsons.

Municipal franchises in New York. Max West.

Legal aspects of monopoly. Frank Parsons.

Street railways. E. W. Bemis.

Gas. E. W. Bemis.

Regulation or ownership. E. W. Bemis.

A very good symposium favoring municipal ownership; now somewhat out of date.

BEMIS, E. W. Municipal ownership of gas in the U. S. Publications, American Economic Association, vi, 295-471 (1891).

Extensive study, with many tables of data and some discussion.

— Regulation or ownership. (*In* Municipal monopolies. 4th edition. New York, 1904.) 631-680.

A general historical review and analysis, the conclusion being in favor of municipal ownership.

BROWN, G. S. Municipal ownership of public utilities. North American Review, clxxxii, 701-708 (1906).

BROWN, W. R. Municipal ownership and league organization. Arena, xxxiii, 377-382 (1905).

The writer offers a unique solution of the municipal ownership problem. He advocates (1) municipal purchase with amortization of the cost through reduced interest charges, (2) the formation of an interstate city league to give moral and statistical aid, and (3) necessary changes of existing laws.

For a reply, see E. W. Bemis and F. F. Ingram, "How the people should acquire public utilities: a criticism of Mr. Brown's paper."

BURNS, JOHN. Municipal ownership a blessing. Independent, lx, 449-452 (1906).

COMMONS, J. R. Municipal electric lighting. Municipal Affairs, i, 631-673 (1897).

A thorough comparative and critical study of municipal and private operation of electric lighting plants in the United States. Includes many tables of statistics of operation and of rates. The writer favors municipal ownership.

— — (In BEMIS, E. W. Municipal monopolies. 4th edition. New York, 1904.) 55-180.

Reprint.

CROSSER, ROBERT. Why I believe in municipal ownership. Annals of the American Academy of Political and Social Science, lvii, 282-292 (1915).

CUTTING, R. F. Public ownership and social conscience. Municipal Affairs, iv, 3-12 (1900).

The writer believes that as municipal ownership promotes good government, it is better not to wait for good government before adopting it.

DONALD, ROBERT. The case for municipal trading. *Contemporary Review*, lxxxiii, 485-500, 623-639 (1903).

An answer to various arguments against municipal ownership in Great Britain, with an analysis of results. Includes tables of statistics.

— Municipal trading: a defense. *Contemporary Review*, lxxviii, 227-240 (1900).

A reply to J. L. Avelbury, "Municipal trading." Answers each argument in turn.

— The principles of municipal ownership. *Outlook*, lxxxii, 504-511 (1906).

— Recent attacks on municipal ownership in Great Britain. *Municipal Affairs*, vi, 579-613 (1902).

Historical and critical analysis, in answer to attacks on municipal ownership, which the writer asserts are stimulated by people interested in the companies. Includes many tables of statistics.

ELY, R. T. Municipal ownership of natural monopolies. *North American Review*, clxxii, 445-455 (1901).

A good argument for municipal ownership in general. The writer opposes the view that the desirability must be separately decided for each city. He believes that even though our municipal governments at present may be incapable of properly operating the utilities, municipalization would itself bring about better conditions.

FORD, JOHN. Reasons for municipal ownership. *Moody's Magazine*, ii, 542-544 (1906).

In Municipal ownership and operation: symposium.

FOULKE, W. D. Conservation in municipalities. *Proc., National Conference for Good City Government*, 1910: 12-21.

GARVIN, L. F. C. Public service should be free. *Moody's Magazine*, ii, 530-531 (1906).

In Municipal ownership and operation: symposium.
Favors single tax and municipal ownership.

GLADDEN, WASHINGTON. Public service companies and city governments. *Outlook*, lxvi, 502-508 (1900).

The writer advocates municipal ownership to lessen corruption. Although not a panacea, he believes that through municipal ownership runs the path of least resistance to better government.

GROUT, E. M. New York City should own the gas supply. *Municipal Affairs*, i, 225-244 (1897).

A popular study.

For a reply, see A. R. Foote, "No government should operate an industry."

HARRISON, C. H. The regulation of public utilities. *Annals of the American Academy of Political and Social Science*, lvii, 54-61 (1915).

HATTON, T. C. Municipal ownership of water supplies. *Proc., American Society of Municipal Improvements*, 1904: 137-141.

HILL, W. P. Municipal ownership would stop corruption. *Moody's Magazine*, ii, 662-667 (1906).

In Municipal ownership and operation: symposium.

HOWE, F. C. The case for municipal ownership. *Proc., American Political Science Association*, ii, 89-104 (1905).

Discussion: pp. 113-125. Advocates municipal ownership for governmental rather than economic reasons.

— — — Publications, *American Economic Association*, 3d series, vii, 113-132 (1906).

— The way out: municipal ownership. (*In* *The city: the hope of democracy*. New York, 1906.) 113-135.

INGRAM, F. F. Municipal ownership and operation *versus* private ownership or control. *Arena*, xxxi, 458-463 (1904).

The writer believes that regulation is a failure and that city ownership and leasing is worse than private ownership.

— Should the people or the corporations light our cities? *Arena*, xxx, 392-400 (1903).

An argument for municipal ownership, illustrated by a comparison of municipal and private management in Detroit.

JAMES, E. J. The relation of the modern municipality to the gas supply. *Publications, American Economic Association*, i, 54-122 (1886).

A thorough, but early study of the gas industry in various countries, and its municipalization.

JOHNSON, T. L. Municipal ownership for all public utilities. *Moody's Magazine*, ii, 649-651 (1906).

In Municipal ownership and operation: symposium.

Asserts that municipal ownership would purify politics and give better and cheaper service.

KING, C. L. Municipal ownership versus adequate regulation. (*In* The regulation of municipal utilities. New York, 1912.) 23-55.

A good elementary discussion. The writer believes that eventual municipal ownership is desirable but that regulation will be satisfactory until this is expedient.

— Municipal ownership *vs.* regulation. *New Republic*, i, 12-14 (1914).

A report of the conclusions of the Conference of American mayors, and a popular statement of the reasons for the tendency towards municipalization.

LEBER, O. H. Ownership of municipal monopolies. *Municipal Journal and Engineer*, xvii, 14-16 (1904).

MALTBIE, M. R. A tale of two cities: water supply in London and Philadelphia. *Municipal Affairs*, iii, 193-214 (1899).

An historical and comparative study of the private supply in London, and the municipal supply in Philadelphia, favoring municipal ownership; includes tables of statistics.

MARTIN, JOHN. Business thrift in American and European cities, especially with respect to franchises. *Proc., National Conference for Good City Government*, 1905: 154-169.

A popular discussion of municipal ownership experience in various places, the writer favoring municipalization.

MATEER, R. B. Municipal ownership. *Journal of Electricity, Power and Gas*, xxxi, 344-345 (1913).

A statement of some of the conditions which cause municipalization; very brief and concise.

National Civic Federation. Shall the government own and operate the railroads, the telegraph and telephone systems? Shall the municipalities own their utilities? Affirmative side. New York, 1915. 108 pp.

- PARKER, F. W. Municipal ownership and graft. *World Today*, ix, 721-724 (1905).
- PARSONS, FRANK. City ownership and operation of street railways. *Arena*, xxv, 198-209 (1901).
An interesting popular argument for public ownership, in the form of questions and answers.
- , and ROBERTS, F. H. H. Municipal ownership debated. *Public Service*, i, 67-75 (1906).
Papers before League of American municipalities.
"For." Frank Parsons. pp. 68-72.
"Against." F. H. H. Roberts. pp. 72-75.
- Public interest demands public ownership. *Moody's Magazine*, ii, 639-643 (1906).
In Municipal ownership and operation: symposium.
Opposes use of public streets for private gain, and asserts that private ownership of utilities causes corruption.
- Public ownership. (*In* The city for the people. Philadelphia, 1900 ?) 17-254.
An arraignment of the public service corporations for alleged abuses and corruption, and an argument for municipal ownership. Includes many quotations from other writers and some statistics; very popular in style.
- ——— *Arena*, xxix, 118-124 (1903).
A popular argument for municipal ownership, including a list of ten reasons for great economies effected thereby.
- Public ownership and low rates. *Annals of the American Academy of Political and Social Science*, xxiv, 361-363 (1904).
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- POTTS, A. F. A successful substitute for municipal ownership. *Municipal Engineering*, xiv, 181-187 (1898).
An account of the Consumers' gas trust of Indianapolis.
- ——— *American Monthly Review of Reviews*, xx, 576-578 (1899).
- PRIESTLY, C. H. Municipal ownership of water undertakings. *Trans., British Association of Waterworks Engineers*, x, 114-121 (1905).
Discussion: pp. 122-136.

ROSEWATER, VICTOR. The case for municipal ownership of electric lighting. *Municipal Affairs*, vi, 622-635 (1902).

ROWE, L. S. Municipal ownership and operation: the value of foreign experience. *American Journal of Sociology*, xii, 241-253 (1906).

Considers the results abroad of interest and as offering valuable lessons, but not of great weight in making the final decision here, because of different conditions. Favors municipal ownership.

The same article, with the omission of a few paragraphs, is printed in the *Proc.*, National Conference for Good City Government.

— — — (*In Problems of city government*. New York, 1908.)
330-349.
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— — — *Proc.*, National Conference for Good City Government, 1906: 280-290.

ROYSE, C. A. Will public ownership increase or diminish political corruption? *Arena*, xxxviii, 373-384 (1907).

An historical sketch of political corruption in England from the earliest times. The writer concludes that public ownership of monopolies will decrease corruption.

SHAW, G. B. The common sense of municipal trading. London, 1908. 120 pp.

A very interesting argument for municipal socialism.

SHEPARD, E. M. City owning and leasing. *Municipal Affairs*, vi, 714-720 (1902).
Rapid transit.

SHIBLEY, G. H. Referendum and initiative in relation to municipal ownership. *Municipal Affairs*, vi, 781-786 (1902).

Under majority rule through the initiative and referendum, the writer advocates municipal ownership.

THOMPSON, C. D. Municipal ownership. (*In National Civic Federation*. Shall the government own and operate the railroads, etc. Affirmative side. New York, 1915.) 71-108.

WARNER, J. DEW. Should greater New York operate its street railways? Yes. *Municipal Affairs*, i, 421-457 (1897).

A popular, annotated study.

WILCOX, D. F. Municipal ownership. (*In* Municipal franchises. New York, 1911.) ii, 803-809.

— Municipal ownership to purify politics. *Moody's Magazine*, ii, 655-658 (1906).

In Municipal ownership and operation: symposium.

ZANGERLE, J. A. The larger view of municipal ownership. Cleveland, 1906? 67 pp.

An attempt to "divert public sentiment from the dollar view."

ZUEBLIN, CHARLES. Municipal ownership. (*In* American municipal progress. Revised edition. New York, 1916.) 359-375.

OPPOSED

AGAR, J. G. Shall American cities municipalize? Value of foreign experience as a guide. *Municipal Affairs*, iv, 13-23 (1900).

A popular description of municipal ownership in England and Germany, and a comparison with American conditions. Opposes municipal ownership in America for the present.

ALLEN, W. S. The gas supply and the public. *Municipal Affairs*, vi, 656-667 (1902).

The writer advocates the sliding scale as preferable to municipalization.

— Some problems of public ownership. *North American Review*, cxcvii, 8-21 (1913).

An interesting, popular discussion, the writer favoring proper regulation instead of municipal ownership, based on logic and experience.

AVEBURY, J. L. The effect of municipal trading on private enterprise. (*In* On municipal and national trading. New York, 1907.)

A popular argument against municipal ownership, with many quotations from other writers.

— Municipal trading. *Contemporary Review*, lxxviii, 28-37 (1900).

On current legislation; discusses public utilities only incidentally. For a reply, see Robert Donald, "Municipal trading: a defense."

BLAKE, H. W. Contrast between company and municipal ownership and management of public utilities. *Street Railway Journal*, xxvi, 28-31 (1905).

Considers the results of municipal ownership in Great Britain, and applies them to conditions in the United States.

BOND, WALTER. Municipal trading. *Fortnightly Review*, lxxii (new series, lxvi), 669-682 (1899).

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BOURNE, JONATHAN, JR. Evils of government ownership. *Proc., American Electric Railway Association*, 1915: 114-120.
Discriminations and politics.

— — — *Aera*, iv, 177-183 (1915).
Reprint.

BOWKER, R. R. Public control, ownership or operation of municipal franchises? With especial reference to electric lighting. *Municipal Affairs*, i, 605-630 (1897).

Includes a discussion of the results of municipal ownership in various cities, United States and foreign.

BROWN, W. H. Public ownership and popular government. *American Journal of Sociology*, xii, 328-340 (1906).

The writer believes the municipal ownership movement is due to dissatisfaction with the conduct of the private companies, and resentment against large aggregations of capital. Advocates proper regulation as the best solution of the problem.

BURDETT, E. W. The agitation for municipal ownership in the United States: its origin, meaning and proper treatment. *Proc., National Electric Light Association*, 1906; vol. i, 537-555.

The writer believes it due very largely to resentment against abuses of great wealth and corporate facilities. After an analysis of municipal ownership results in Great Britain, which he considers less successful than commonly thought, he concludes that success there would not mean success here.

— Cause of municipal ownership agitation. *Moody's Magazine*, ii, 501-503 (1906).

In Municipal ownership and operation: symposium.

BURDETT, E. W. Municipal ownership in Great Britain. *Journal of Political Economy*, xiv, 257-314 (1906).

An excellent and thorough study of results, with tables of statistics. The writer concludes that as a whole municipal ownership there has not been successful, and that success would not mean similar results in this country because of different conditions. These conditions are also analyzed, and there is a good summary.

— Municipal ownership in the United States. *Inter-Nation*, n. s. no. 3, 44-60 (1906).

CAHOON, J. B. A business argument against municipal ownership. *City Government*, vii, 78-80 (1899).

— Municipal electric lighting opposed. *Municipal Affairs*, vi, 636-647 (1902).

A critical analysis of results in the United States; with a table of statistics.

CLARK, W. J. The figures in the case. *Public Service*, iv, 89-94 (1908).

Relates chiefly to municipal ownership in Great Britain.

— Municipal ownership in Great Britain and in the United States. *Proc., American Street and Interurban Railway Association*, 1907: 271-284.

A comparison of English and American street railways, with analysis of results. The conclusions are strongly in favor of private operation.

CLEWS, HENRY. Municipal ownership a delusion. *Moody's Magazine*, ii, 515-516 (1906).

In Municipal ownership and operation: symposium.

CRAVATH, J. R. The municipal ownership of electric light plants. *World Today*, xii, 374-379 (1907).

A very good popular discussion, the conclusion being that private ownership is preferable for the present and municipal ownership eventually.

DANIELS, W. M. Municipal ownership. *Proc., American Political Science Association*, ii, 105-113 (1905).

Discussion: pp. 113-125. The writer believes that the desirability of municipal ownership is not proved; and that economic considerations are of great importance in making a decision.

DANIELS, W. M. Municipal ownership. Publications, American Economic Association, 3d series, vii, 133-143 (1906).

Advocates franchise taxation and compensation instead of municipal ownership.

DAVIES, D. H. The cost of municipal enterprise. Journal of the Society of Arts, xlvii, 224-237 (1899).

An argument against municipal ownership because of increasing municipal indebtedness, and answers to various arguments; includes tables and charts.

— The cost of municipal trading. Journal of the Society of Arts, li, 189-203 (1903).

DOHERTY, H. L. Some features of municipal ownership. American Gas Light Journal, lxxix, 684-688 (1903).

A discussion of arguments for and against municipalization, the writer considering municipal ownership largely a fad, prompted by dislike for all corporations.

FOOTE, A. R. Municipal ownership problem solved. Moody's Magazine, iii, 720-726 (1907).

Regulation is stated to be the solution.

— No government should operate an industry. Municipal Affairs, i, 245-289 (1897).

A reply to E. M. Grout, "New York City should own the gas supply."

FRANCIS, V. H. Why municipal plants are failures. Public Service, xiii, 27-32 (1912).

FRANCISCO, M. J. Municipal ownership: its fallacy, with legal and editorial opinions, tables and cost of lights as furnished by private companies and municipal plants. Rutland, 1893. 104 pp.

FREEMAN, W. W. Municipal ownership uneconomic. Moody's Magazine, ii, 520-521 (1906).

In Municipal ownership and operation: symposium.

GASKILL, D. L. Causes of failures in municipal lighting. Concerning Municipal Ownership, iii, 215-218, 235-238 (1908).

— — Public Service, v, 88-90 (1908).

GONDEN, H. J. Regulation *vs.* municipal ownership. Public Service, iii, 105-107 (1907).

— Robbing Peter. Public Service, xvii, 37-38 (1914).

Discusses concealment in municipal plant reports.

GUYOT, YVES. Where and why public ownership has failed. New York, 1914. 459 pp.

Book I. Public and private trading operations.

II. Financial results of government and municipal ownership.

III. Administrative results.

IV. Political and social consequence of public operation.

HAMLEN, E. W. Glasgow and its municipal tramways. Moody's Magazine, ii, 652-655 (1906).

In Municipal ownership and operation: symposium.

A brief comparison of Glasgow and Boston traction, favoring private ownership.

HIGGINS, E. E. Municipal and private management of street railways: a study of results and possibilities. Municipal Affairs, i, 458-490 (1897).

A long, popular discussion, with tables and diagrams. The writer is strongly opposed to municipal ownership, and favors profit sharing and other contractual regulations.

HILL, J. W. Municipal ownership of public utilities. Proc., Central States Waterworks Association, 1907: 16-32.

Discussion: pp. 32-33.

— — Engineering News, lviii, 380-381 (1907).

Abstract.

— — World Today, xii, 621-625 (1907).

HUNTER, W. R. Municipal ownership of utilities. Public Service, i, 23-25 (1906).

HUTCHINSON, R. W., JR. The question of municipal ownership. Public Service, ii, 87-89 (1907).

JONES, C. L. American municipal services from the standpoint of the entrepreneur. Annals of the American Academy of Political and Social Science, xxviii, 371-384 (1906).

Academic discussion of both sides of the question, the writer favoring private ownership under proper restrictions.

- KENT, C. A. Suggestions for and against municipal ownership of public utilities. Publications of the Michigan Political Science Association, v, 349-370 (1904).
Discussion: pp. 371-388.
- LOCKWOOD, H. A. Are our municipalities to become business corporations? Concerning Municipal Ownership, iii, 47-52 (1908).
- MARSTON, GLENN. The fallacies of municipal ownership. Public Service, xiv, 107-108, 147-149, 187-188 (1913).
- Guarding against municipal plant agitation. Electrical Review and Western Electrician, lxix, 632-633 (1916).
A discussion of alleged causes of the municipal ownership agitation; with suggested remedies.
See also his "Poor service causes municipal ownership."
- Poor service causes municipal ownership. Electrical Review and Western Electrician, lxix, 806-807 (1916).
- MARTIN, T. C. Municipal ownership always a failure. Moody's Magazine, ii, 526-529 (1906).
In Municipal ownership and operation: symposium.
Includes a table of statistics.
- MEYER, H. R. Great Britain's lesson. Moody's Magazine, ii, 532-534 (1906).
In Municipal ownership and operation: symposium.
The writer asserts that lack of corruption in England is not a valid argument, for there was none before municipalization.
- National Civic Federation. Shall the government own and operate the railroads, the telegraph and telephone systems? Shall the municipalities own their utilities? Negative side. New York, 1915. 119 pp.
- OWEN, MARK. Why municipal ownership cannot be financially profitable. Concerning Municipal Ownership, vi, 176-180 (1913).
- PARSONS, FRANK, and ROBERTS, F. H. H. Municipal ownership debated. Public Service, i, 67-75 (1906).
Papers before League of American municipalities.
"For." Frank Parsons. pp. 68-72.
"Against." F. H. H. Roberts. pp. 72-75.

PORTER, R. P. *The dangers of municipal ownership*. New York, 1907. 356 pp.

An historical study of municipal ownership in Great Britain, with application of the conclusion to conditions in the United States.

— *The dangers of municipal trading*. London, 1907. 320 pp.

An English reprint of "The dangers of municipal ownership," with two additional chapters.

— *European and American methods and results compared*. *Municipal Affairs*, vi, 539-578 (1902).

A popular historical discussion and comparison of municipal ownership in Great Britain and private ownership in the United States; with tables of data.

— *Municipal trading: European and American methods and results compared* — the views of an advocate of private ownership of all public utilities. *Municipal Journal and Engineer*, xiv, 222-224, 269-273; xv, 4-8 (1903).

ROSECRANTZ, C. M. *Some limitations and objections to municipal ownership*. *Annals of the American Academy of Political and Social Science*, lvii, 254-273 (1915).

Defense of the companies, and good summary of arguments for private ownership.

SELLS, E. W. *Corporate management compared with government control*. *Concerning Municipal Ownership*, iii, 107-108 (1908).

The writer states that in his experience as an accountant he has generally found company management economical and municipal management the reverse.

SIMMONS, F. G. *Private versus municipal ownership*. *Public Service*, i, 87-90 (1906).

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